

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8

RYBKI^N, V.P.

Calculation of the optimum designs of balanced cable networks.
Elektrosviaz' 16 no.4:55-63 Ap '62. (MIRA 15:4)
(Telephone lines) (Radio lines)

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CIA-RDP86-00513R001446410012-8"

35068

S/106/62/000/004/008/010
A055/A101

6,7000

AUTHOR: Rybkin, V.P.

TITLE: Calculation of the optimum lay-up of symmetrical cable circuits

PERIODICAL: Elektrosvyaz', no. 4, 1962, 55 - 63

TEXT: A generalized analytical method is described, permitting the investigation of unshielded and shielded cable circuits from the point of view of the minimum attenuation, and also their synthesis within a frequency range up to 600 kc/s. The author first reproduces the relative dimensions $k r_0 = \sqrt{\omega \mu \gamma} r_0 =$
 $= \sqrt{2 \frac{r_0}{\theta}} , \xi = \frac{a}{r_0}$ and $\xi_{\text{shield}} = \frac{a}{d_{\text{shield}}}$ characterizing the unshielded and

shielded cable circuits (see Fig. 1), and the formula giving the primary electric parameters (R , L , C and R_{shield}) of these circuits [Abstracter's note: The meaning of many of the symbols and subscripts used in the article is not explained by the author.]. He obtains the conditions for the minimum attenuation of cable circuits

$$\frac{1}{C} \frac{dC}{dr_0} - (2\tau - 1) \frac{1}{L} \frac{dL}{dr_0} = -2\tau \frac{1}{R} \frac{dR}{dr_0}, \quad (8)$$

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A055/A101

Calculation of the optimum lay-up of

$$\frac{1}{C} \frac{dC}{da} - (2\tau - 1) \frac{1}{L} \frac{dL}{da} = -2\tau \frac{1}{R} \frac{dR}{da}, \quad (9)$$

$$\text{where } \tau = \frac{1}{2} \frac{\frac{R^2}{\omega_L^2}}{1 + \frac{R^2}{\omega_L^2} - \sqrt{1 + \frac{R^2}{\omega_L^2}}} = \frac{\alpha^2}{\alpha^2 + \beta^2} = \begin{cases} \frac{1}{2} & \text{at } R > \omega L \\ 1 & \text{at } R < \omega L. \end{cases}$$

Equation (8) is valid for any circuit; equation (9) for shielded circuits only (though not for all of them). The author examines first the case of the optimum lay-up of unshielded circuits. He writes the minimum attenuation condition in the developed form. The solution of the thus obtained equation is represented graphically for the spiral-quad and the nonquadded cable cases, these graphs showing the dependence $\xi = f(k r_0)$. The examination of these graphs and of the corresponding equation reveals that the optimum value of $\xi = a/r_0$ is determined exclusively by the relative radius of the conductor ($k r_0$) and increases monotonically with this radius. The author proceeds next to the synthesis of the unshielded circuits for a given attenuation. He finds that $k r_0$, $\xi = a/r_0$ and the relative diameter of the cable group $k d_{gr} = \sqrt{2} \frac{d_{gr}}{\theta}$ can be expressed graphically

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CIA-RDP86-00513R001446410012-8

RYBKin, Ye., polkovnik, kand. filosofskikh nauk; KORSHUNOV, V., kapitan
1-go ranga

Reviews and bibliography. Komm. Vooruzh. Sil 46 no.2:88-93
(MIRA 19:1)
Ja '66.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8"

RYBKIN, Ye.

GOGOLINA, T., inzh.; RYBKIN, Ye., inzh.

Refrigerating system with a capacity of one million kg.c.hr. at
a temperature of -73°C. Khol. tekhn. 35 no.2:16-19 Mr-Ap '58.

(MIRA 11:4)

(Refrigeration and refrigerating machinery)

PHASE I BOOK EXPLOITATION SOV/4536

Rybkin, Yevgeniy Aleksandrovich, and Anatoliy Antonovich Usov

Shesterennyye nasosy dlya metallorezhushchikh stankov (Gear Pumps for Metal-Cutting Machine Tools) Moscow, Mashgiz, 1960. 186 p. Errata slip inserted. 7,500 copies printed.

Reviewer: V.V. Yermakov, Candidate of Technical Sciences; Ed. of Publishing House: G.I. Baydakov; Managing Ed. for Literature on Metalworking and Machine-Tool Making (Mashgiz): V.I. Mitin, Engineer; Tech. Ed.: L.P. Gordeyeva.

PURPOSE: This book is intended for engineers engaged in the design and production of machine tools and in metal-cutting machine-tool hydraulics.

COVERAGE: The book contains an analysis of theoretical and experimental investigations of methods for designing and constructing hydraulic gear pumps used in the hydraulic actuation of metal-cutting machine tools. The book is based on recent research carried out by various Soviet and non-Soviet scientists specializing in this field, and on experience gained from the operation of various types of gear pumps. The book contains illustrations and practical suggestions. Chapters III and IV were written by Ye.A. Rybkin. A.A. Usov wrote Chapters I and II, and Sections 1,2, and 7 of Chapter III. The two authors collaborated

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Gear Pumps (Cont.)

SOV/4536

in writing the Introduction and Section 9 of Chapter III. No personalities are mentioned. There are 50 references: 31 Soviet, 15 English, and 4 German.

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1. Principles of hydraulic action and operational conditions for use of gear pumps	11
2. Classification of pumps	11
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1. Geometrical output	21
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Determination of relationships for designing pumps with backlash in the intermeshing of spur-gear rotors	24
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Card 246

RYBKI^N, Yevgeniy Aleksandrovich; USOV, Anatoliy Antonovich; YERMAKOV,
V.V., kand.tekhn.nauk, retsenzent; BAYDAKOV, G.I., red.izd-va;
GORDEYEVA, L.P., tekhn.red.

[Gear pumps for machine tools] Shesterennye nasosy dlia me-
tallorezhevchikh stankov. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1960. 186 p. (MIRA 13:7)
(Oil hydraulic machinery)

RYBKIN, Ye. A. —

"An Investigation of the Efficiency of Rotary (Gate-Value) Pumps Used in Hydraulic Metal-Working Machine Tools." Cand Tech Sci, Moscow Machine Tool and Tool Inst imeni I. V. Stalin, 20 Oct 54. (VM, 8 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

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CIA-RDP86-00513R001446410012-8

RYBKIN, Yu.F.

Book reviews. Zhur.fiz.khim. 39 no.11:2854-2855 N '65.
(MIRA 18:12)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8"

L 15562-66 EWT(1)/T IJP(c) GG
ACC NR: AP6004410

SOURCE CODE: UR/0051/66/020/001/0096/0100

REF ID: A62817

AUTHOR: Ageyeva, N. K.; Dubovik, M. F.; Rybkin, Yu. F.; Sazonova, S. A.; Skorobogatov, B. S.; Smirnova, O. M.

ORG: none

TITLE: A method for producing lanthanon-activated cadmium fluoride crystals and an investigation of their luminescence

SOURCE: Optika i spektroskopiya, v. 20, no. 1, 1966, 96-100

TOPIC TAGS: calcium fluoride, cadmium compound, fluoride, phosphor crystal, rare earth element, luminescence, absorption spectrum

21, 44, 55

ABSTRACT: The authors report on a method for producing cadmium fluoride phosphor crystals activated by rare earth ions.^{21, 44} The general nature of luminescence in these crystals is studied. The crystals were grown from anhydrous cadmium fluoride produced by sintering a mixture of cadmium oxide with ammonium fluoride. The hydrogen fluoride released during thermal decomposition converts the cadmium oxide into cadmium fluoride. Litmus paper may be used for determining the degree of conversion. The vapors released during the process are alkaline, changing to neutral or weakly

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UDC: 535.37 : 548.0

L 15562-66

ACC NR: AP6004410

acid at the end. This indicates decomposition of excess ammonium fluoride. The purity of the initial reagents has a strong effect on the quality of the product. Absorption spectra were used for checking the degree of purity of the final crystal. Crystals were produced with a transmission factor of 30% for a thickness of approximately 5 mm at a wave length of 200 m μ . Activator concentrations were 0.2, 1, 5 and 10 mol.% for CdF₂ crystals with NdF₃ and 0.2 mol.% for crystals with the other lanthanides. The following trivalent activating ions were studied: Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tu and Yb. A comparison of the luminescence spectra for these ions in cadmium fluoride and calcium fluoride crystals shows that in spite of the identical types of lattice and the close parameters, the behavior of rare earth ions in these crystals has very little in common. This is emphasized particularly in the luminescence spectra for trivalent Pr, Dy and Tb and in the absence of luminescence for thulium. The difference between these two matrices shows up in the valence of the impurity ions. For instance europium is usually bivalent in calcium fluoride, while it is always trivalent in cadmium fluoride. This may be explained by the difference in oxidation potentials for bivalent calcium and cadmium. Orig. art. has: 6 figures.

SUB CODE: 20 / SUBM DATE: 30Jul64 / ORIG REF: 002 / OTH REF: 008

PC
Card 2/2

BUGAYEVSKIY, A.A.; GEYTS, R.A.; RYBGIN, Yu.F.

"Ionization constants of acids and bases. A laboratory manual"
by A. Albert, E.P. Sergeant. Zhur. fiz. khim. 38 no.3:815-817
Mr '64. (MIRA 17:7)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.

SHKODIN, A.M.; ALEKSANDROV, V.V.; SPIVAK, L.L.; VAYL', Ye.I.; CHERNYY, V.S.;
TITOV, Ye.V.; IVANOVA, Ye.F.; KRUGLYAK, Yu.A.; RYBGIN, Yu.F.

Nikolai Arkad'evich Izmailov, 1907-1961. Ukr.khim.zhur. 28
no.2:271-282 '62. (MIRA 15:3)
(Izmailov, Nikolai Arkad'evich, 1907-1961)

RYBKI_N, Yu.F.; SHEVCHENKO, N.F.; IZMAYLOV, N.A.

Electrometric apparatus with a dynamic condenser for measuring contact potential differences. Zhur. fiz. khim. 35 no.1:220-221 Ja '61.
(MIRA 14:2)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
(Electrometer) (Electromotive force)

IZMAYLOV, N.A. [Izmailov, M.A.]; RYBKN, Yu.F.

Difference of potential between electrolyte solutions and
activity coefficients of individual ions. Dop. AN URSR
no.1:69-73 '62. (MIRA 15:2)

1. Khar'kovskiy gosudarstvennyy universitet. 2. Chlen-kor-
respondent AN USSR (for Izmaylov).
(Electrolyte solutions)

SHEVCHENKO, N.F.; RYBKI^N, Yu.F.; ALEKSANDROV, V.V.

Comparison of acidity values of buffer solutions by the method
of volt potential differences. Zhur. anal. khim. 20 no.1:26-
30 '65. (MIRA 18:3)

I. Khar'kovskiy gosudarstvennyy universitet imeni Gor'kogo i
Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov,
stsinteticheskikh materialov i osobu chistykh khimicheskikh
veshchestv.

IZMAYLOV, N.A. [Izmailov, M.A.]; RYBKN, Yu.F.

Real solvation energies and the activity coefficients of separate
ions in nonaqueous and mixed HCl solutions. Dop. Akad. Nauk UkrSSR no.8:1071-
1075 '62. (MIRA 18:2)

1. Khar'kovskiy gosudarstvennyy universitet. 2. Chlen-korrespon-
dent AN UkrSSR (for Izmaylov).

L 16577-65 EWT(m)/EWP(t)/EWP(b) RAEM(c)/ESD(t)/ESD(gs)/AFWL/ASD(a)-5/
AS(mp)-2/AFMD(t)/IJP(c) JD

ACCESSION NR: AP5000297

S/0070/64/009/006/0928/0929

AUTHORS: Dobrzhanskiy, G. F.; Belyayev, L. M.; Petrov, I. P.;
Rybkin, Yu. F.; Fedosov, A. Ye.; Chernyshhev, K. S.

TITLE: Transmission spectra of copper chloride and bromide single
crystals

SOURCE: Kristallografiya, v. 9, no. 6, 1964, 928-929

TOPIC TAGS: copper compound, single crystal, ir spectrum, optical
transmission, crystal growth

ABSTRACT: The transmission spectra of single crystals of copper
chloride and bromide were measured in the infrared region of the
spectrum. The crystal growth procedure was described by some of
the authors elsewhere (Collection: Rost kristallov [Crystal Growth]
v. 3, 342, 1961). Particular attention was paid to the purity of
the initial reagent and thorough cleaning of the produced crystal.

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L 16577-65
ACCESSION NR: AP5000297

The samples were made in the form of plane-parallel plates ~3 mm thick. An infrared DS-301 spectrometer was used with presence of sodium chloride (up to 15 μ) and potassium bromide (up to 25 μ). A Hilger H-800 spectrometer was used above 25 μ (cesium iodide prism). The measurements show that the single crystals have good transmission on the order of 80% without selective absorption bands, up to ~18 μ for the chloride and 24 μ for the bromide, with a long-wave transmission limit at 22 and 32 μ respectively; they are therefore of interest for infrared technology and spectroscopy. "The authors thank Ye. I. Kortukova and L. D. Kislovskiy for help with the optical measurements, and Ye./P. Meshcheryakova for the x-ray analysis." Orig. art. has: 2 figures.

ASSOCIATION: Institut kristallografi AN SSSR (Institute of Crystallography AN SSSR)

SUBMITTED: 09Jun64

ENCL: 00

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CIA-RDP86-00513R001446410012-8

L 16577-65

ACCESSION NR: AP5000297

SUB CODE: OP, SS

NR REF SOV: 001

OTHER: 000

Card . 3/3

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8"

L 35066-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5008517

S/0286/65/000/006/0019/0019
22

AUTHOR: Rybkin, Yu. F.; Lebed', V. I.; Kresal'naya, L. Z.; Kipriyanova, S. S.; Smirnova, O. M.

TITLE: A method for producing halides of alkali metals. Class 12, No. 169080

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 6, 1965, 19

TOPIC TAGS: alkali halide, alkali metal

ABSTRACT: This Author's Certificate introduces a method for producing halides of alkali metals, e.g. iodides and bromides, from a halogen and a compound which contains a metal. Highly concentrated halide solutions are produced by using an amalgam of the appropriate metal and carrying out the reaction in the halide of this metal.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov (All-Union Scientific Research Institute of Single Crystals)

SUBMITTED: 21Jan63

ENCL: 00

SUB CODE: GC, IC

NO REF Sov: 000

OTHER: 000

Card 1/1

RYEKN, Yu.F.; SHEVCHENKO, N.P.

Volta effect and the acidity of electrolyte solutions. Elektro-
khimiia 1 no.1:46-52 Ja '65. (MIRA 18:5)

I. Khar'kovskiy gosudarstvennyy universitet i Vsesoyuznyy nauchno-
issledovatel'skiy institut monokristallov.

ACC NR: AP7001394

(A,N)

SOURCE CODE: UR/0413/66/000/021/0068/0068

INVENTORS: Brodovskiy, V. N.; Morozov, D. M.; Perikov, L. M.; Rybkin, Yu. P.

ORG: none

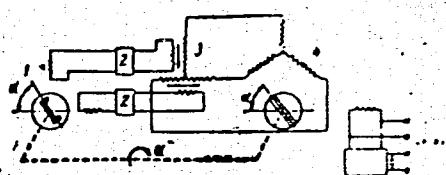
TITLE: A reversing contactless tachometer-generator. Class 21, No. 187878

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 68

TOPIC TAGS: tachometer, mag slip, transformer, generator

ABSTRACT: This Author Certificate presents a reversing contactless tachometer-generator consisting of a two-phase synchronous generator, a modulator, transformers, and a contactless mag slip (see Fig. 1).

Fig. 1. 1 - generator; 2 -
modulators; 3 - transformer;
4 - mag slip



To lower the level of the "zero signal," diminish the "dead zone," and to increase the characteristics curvature, the output coils for each phase of the generator are connected to the input sections of the modulators. The outputs of these modulators

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UDC: 621.313.12:531.775

ACC NR: AP7001394

are connected through a T-shaped transformer circuit to a three-phase coil of the mag slip. The output signal is taken from the excitation coil of the mag slip. Orig. art. has: 1 figure.

SUB CODE: 10/ SUBM DATE: 13Dec65

Card 2/2

ACC NR: AP6033477 (A,N) SOURCE CODE: UR/0413/66/000/018/0071/0072

INVENTOR: Brodovskiy, V. N.; Zambrzhitskiy, A. A.; Kuznetsov, Yu. A.; Rybkin, Yu. P.

ORG: None

TITLE: A controllable noncontact reversible DC drive. Class 21, No. 186019

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 71-72

TOPIC TAGS: electric motor, transistorized circuit, direct current

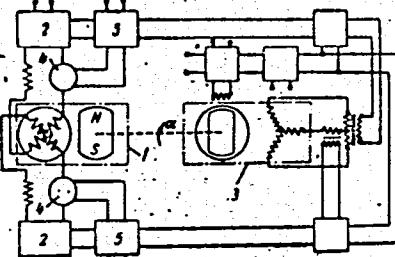
ABSTRACT: This Author's Certificate introduces: 1. A controllable noncontact reversible DC drive consisting of a synchronous motor with power supply from transistorized transducer amplifiers connected in a bridge circuit and a position indicator mounted on a single shaft with the motor and controlling transistorized transducer amplifiers. The power indices are improved by stator current control. Current feedback in the circuit of each phase of the motor is achieved by using a current converter consisting of four individual transformers. 2. A modification of this drive in which the transducer amplifiers are made to operate in switching conditions by connecting the primaries of the four transformers in the power circuits of the transducers and connecting the secondaries in a comparison circuit based on two amplification stages with positive feedback. 3. A modification of this drive in which losses are reduced in the transistorized transducer amplifier by connecting diodes in the emitter circuits of the transistors with the secondaries of the two control transformers between the positive

UDC: 621.313.292-83

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ACC NR: AP6033477

terminal of the diodes and the base of the transistors. The primary windings of these transformers are connected to the comparison circuit. Each of the transformers has two secondary windings connected in opposing arms of the bridge.



1--synchronous motor; 2--transistorized transducer amplifiers; 3--position indicator;
4--current converter; 5--comparison circuit

SUB CODE: 09 / SUBM DATE: 22May63

Card 2/2

ORLOVSKIY, I.; SERGEYEVA, G.; HYBKINA, A.

Selecting a labor productivity index in calculating the
relationship between the increase of labor productivity
and average wages. Biul.nauch.inform: trud i zar.plata
3 no.7:3-6 '60. (MIRA 13:8)
(Moscow--Wages and labor productivity)

ORLOVSKIY, I.; RYBKINA, A.; SERGEYEVA, G.

Calculating the correspondence between the rate of growth
of labor productivity and average wages. Biul.nauch.
inform.: trud i zar.plata 3 no.4:15-21 '60.
(MIREA 13:8)

(Wages and labor productivity)

RYBKINA, A. A.

Mambish, I. Ye, Rostovskiy, S. B. and Rybkin, A. A. - "Operation control of the technological process of milling graded wheat," In the symposium: Soobshch. i referaty (Vsesoyuz. nauch.-issled. in-t zerna i produktov ego pererabotki), Moscow, 1949, p. 21-32

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

MERZHVINSKAY, Ie.P.; RYBKINA, A.A.; STUPA, N.D.

Types of tractor-driven transportation machinery for 1959-1965.
Trakt. i sel'khozmash. 31 no.11:15-17 N '61. (MIRA 14:12)

1. Vsesouuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo
mashinostroyeniya.
(Tractors--Design and construction)

RYBKINA, A.A.

MAMBISH, I.Ye., kand.tekhn.nauk; PERTSOVSKIY, Ye.S., nauchnyy sotrudnik;
RYBKINA, A.A., nauchnyy sotrudnik; TARASEVICH, B.V., nauchnyy sotrud-
nik; ZIBEL', B.Ya., byvshiy nauchnyy sotrudnik, kand.tekhn.nauk;
ANTUSEVICH, F.P.; RYABEN'KAYA, N.K., inzh., MELESHKO, L.N.; GEL'MAN,
D.Ya., red.; CHERNYSHEVA, V.A., red.; GOLUBKOVA, L.A., tekhn.red.

[A method for accelerated determination of moisture in newly harvested
wheat and rye] Metod uskorenного определения влажности сырого зерна
пшеницы и ржи. Izd. 2-oe, dop. Moskva, Izd-vo tekhn.i ekon. lit-ry
po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-
skladskogo khoziaistva, 1957. 66 p. (MIRA 11:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i
produktov yego pererabotki. 2. Opytnaya laboratoriya Vsesoyuznogo
nauchno-issledovatel'skogo instituta zerna i produktov yego pere-
rabotki pri Biyskom elevatore (for Zibel'). 3. Starshiy inspektor
punkta Gosudarstvennoy khlebnoy inspeksii v Biyske (for Antusevich).
4. Zaveduyushchiy laboratoriy Biyskogo elevatorsa (for Ryaben'kaya)
5. Zamestitel' zaveduyushchego laboratoriy Biyskogo elevatorsa (for
Meleshko).

(Wheat--Analysis) (Rye--Analysis)

KUZNETSOVA, K.; RYBKINA, A.

Important potential for increasing labor productivity. Sots.
trud 7 no.9:61-67 S '62. (MIRA 15:9)

(Machinery industry)
(Machine tools--Maintenance and repair)

RYBKINA, A.A.

"Investigation of the Operating Organs and the Principle of the Technological System of a Hops-Gathering Machine." Cand Tech Sci, Leningrad Agricultural Inst, Min Higher Education USSR, Leningrad, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16)

RYBKINA, A.D., aspirant

Effect of berenil and azidin on the composition of blood.
Veterinariia 41 no.7:49-51 J1 '64. (MIRA 18:11)

1. Vitebskiy veterinarnyy institut.

RYBKINA, A.I.

Establishing norms for working capital in the unfinished production
in machinery manufacturing. Krat.soob. BKNII no.3:170-179 '62.

(MIRA 16:5)

(Machinery industry--Production standards)

KUZNETSOVA, K.S., nauchn, sotr.: RYBKINA, A.I., nauchn. sotr.
Prinimal uchastiye KRYZHIN, V.F.

[Centralization of the repair of equipment and labor productivity; using the example of machinery manufacturing] TSentralizatsiya remonta oborudovaniia i proizvoditel'nost' truda; na primere mashinostroeniiia. Moskva, Mashinostroenie, 1964. 130 p. (MIRA 17:8)

1. Moscow. Nauchno-issledovatel'skiy institut truda.
2. Nauchno-issledovatel'skiy institut truda i zarabotnoy platy (for Kuznetsova, Rybkina). 3. Proyektnyy, tekhnologicheskiy i nauchno-issledovatel'skiy institut Volgo-Vyatskogo sovnarkhoza (for Kryzhin).

RYBKINA, A.I., inzh., vedushchiy red.; NEUSYPIN, A.M., inzh., red.;
~~SOKOLINA, T.M., tekhn.red.~~

[Organization of technical information] Organizatsiya tekhnicheskoi informatsii. Tema 51. Moskva, 1957. 10 p.

(MIRA 12:9)

1. Akademiya nauk SSSR. Institut nauchnoy informatsii. Filial.
(Technology--Information services)

3(7)

AUTHOR:

Rybkin, A. Ya.

SOV/50-59-7-6/20

TITLE:

Peculiarities in the Feeding of Rivers in the Eastern Part of
the Carpathians (Osobennosti pitaniya rek vostochnoy chasti
Karpat)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 7, pp 30-33 (USSR)

ABSTRACT:

Various conditions in the feeding of rivers in the East-Carpathians are discussed here. The investigation carried out is based on data of stationary observations of 30 rivers during 10-15 and more years. The area investigated comprises the basins of the upper course of the Dnestr until the town of Zaleschchiki, of the Prut until the town of Chernovtsy, as well as the drainage areas of the right-hand tributaries of the Tisza. The area can be subdivided in three hydrological sections: south of the Carpathians, north of the Carpathians, and the Volhynia-Podolia elevation (Volyno-Podol'skaya vozvyshennost'). Characteristic for the area south of the Carpathians is the rise in losses by filtration with the altitude. This brings about that, in spite of the increase in rainfalls, the share of the latter in the feeding of rivers

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Peculiarities in the Feeding of Rivers in the
Eastern Part of the Carpathians

SOV/50-59-7-6/20

decreases with an increase in altitude of the drainage area. The increase in snow feeding with the change in altitude is unimportant, and approximately corresponds to the increase in precipitations during the cold season. The character of the river feeding depends on the mean altitude of the drainage area. A similar relationship exists between the shares of the flow-off from different feeding sources and the annual total flow-off. This relationship is conditioned by the change in the water quantity transported by the rivers with the altitude of their drainage area.- In the area north of the Carpathians, the share of snow feeding is smaller, and the share of rain feeding much higher, in contrast to the rivers of the area south of the Carpathians at equal altitude of the drainage area. The share of ground feeding is nearly equal for the rivers of both areas. The abundant precipitations in summer are poorly filtered due to poorly permeable kinds of rock.- Quite different conditions are found in the feeding sources of the rivers of the Volyno-Podol'skaya vozvyshestnost'. The great share of underground feeding, and the predomination of snow feeding over rain feeding, are characteristic here. The former circumstance is

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Peculiarities in the Feeding of Rivers in the
Eastern Part of the Carpathians

SOV/50-59-7-6/20

caused by permeable rock, the latter by infiltration of summer precipitations due to small gradients and by evaporation due to high temperatures in summer. A more important part in the formation of flow-off is played by precipitations in winter as far as the losses of melted snow or ice by evaporation and infiltration in spring are not high. There are 4 tables.

Card 3/3

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8

RYBKINA, A.Ya.

Observation of rivers. Geog. v shkole 21 no.2:26-29 Mr-AP '58.
(MIRA 11:2)

(Rivers)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8"

GAVANIN, V.A.; PEREL'MUTER, V.S.; RYBKINA, E.I.; SOKOLOVA, N.S.

Indicators of a glow-discharge. (Review). Prib. i tekhn.
eksp. 10 no.5:12-20 S-0 '65. (MIRA 19:1)

1. Moskovskiy elektrolampovyy zavod. Submitted November 20,
1964.

KANTOROVICH, N.V.
KANTOROVICH, N.V.; RYBKINA, I.V.

Some cerebral mechanisms in the development of insulin hypoglycemia.
Zhur.nevr. i psikh. Supplement:86 '57. (MIRA 11:1)

1. Iz kafedry psichiatrii (zav. - prof. N.V.Kantorovich) Kirgizskogo meditsinskogo instituta, Frunze.
(HYPOGLYCEMIA) (INSULIN) (CONDITIONED RESPONSE)

RYBKINA, K.M.

Conference on problems in the medical care of children in the Ukraine.
Ped., akush. i gin. 20 no.2:63-64 '58. (MIRA 13:1)
(UKRAINE--PEDIATRICS)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8

REBROV, V.D.; RYBKINA, Kh.I.

Increasing the heating power of peat gas. Trudy Inst. torf. AN
BSSR 6:324-333 '57. (MIRA 11:7)
(Peat gasification)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8"

RYBKINA, K.N. ; LISITSA-GRINBERG, R.M. [Lycyteia-Grinberg, R.M.]

Practica in providing medical care for children. Ped., skush. i gin.
20 no. 4:35-37 '58. (MIR 13:1)

1. Upravleniye lachebnoy professional'noy pomoshchi detyam i materyam
(nachal'nik upravleniya - P.T. Radchenko) i Nauchno-issledovatel'skoye
byuro sanitarnoy statistiki (direktor - P.P. Grabovskiy) Ministerstva
okhrany zedorov'ya USSR.

(KIEV--PEDIATRICS)

L 10037-67 EWT(m)/EWP(j) RM
ACC NR: AP6014698 (A)

SOURCE CODE: UR/0342/65/000/012/0057/0059

AUTHOR: Shikher, M. G. (Associate); Yezhova, Z. P. (Associate); Rybkina, L. A. 16
(Associate)

ORG: Ivanov Scientific Research Institute of the Cotton Industry IvNITI (Ivanovskiy
naukno-issledovatel'skiy institut khlopcatobumazhnoy promyshlennosti IvNITI)

TITLE: Bleaching with per acids

SOURCE: Tekstil'naya promyshlennost', no. 12, 1965, 57-59

TOPIC TAGS: textile, peroxy organic acid, bleaching powder

ABSTRACT: Some of the problems of bleaching with per acids by the continuous saturation-steaming method were examined using desized and scoured cambric. The fabric can be bleached with peracetic acid at not too high temperatures ($60-70^{\circ}\text{C}$) to moderate whiteness which is retained, but little soil removal is effected. More whiteness is obtained with peracetic acid at low pH, but its stability is less than in hydrogen peroxide bleached fabric. Scoured fabric is bleached more easily than unscoured. Capillary properties are readily attained by bleaching at low temperatures. Peracetic acid bleaching at 100°C causes substantial destruction of the fabric cellulose, hence it cannot be used at high temperatures, and at low temperatures it does not meet the oxidizing and surface active requirements for bleaching desized cotton fabric. Orig. art. has: 4 tables. 15

SUBJ CCDE: 11, 13/ SUEM DATE: none/ ORIG REF: 001 UDC: 677.064-12:677.826

ACC NR: AP6021575

(N)

SOURCE CODE: UR/0402/66/000/003/0288/0292

AUTHOR: Kokorin, I. N.; Rybkina, N. N.

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamaleya, Moscow (Institut epidemiologii i mikrobiologii)

TITLE: Characteristics of the biology of tick-borne rickettsiosis agents

SOURCE: Voprosy virusologii, no. 3, 1966, 288-292

TOPIC TAGS: rickettsia, spotted fever, tick, disease vector, rickettsial disease, cytology

ABSTRACT:

Photographic evidence of intranuclear multiplication of Rickettsia and shows the rickettsial motion within the nuclei of guinea-pig cells. Various aspects of rickettsial multiplication can be observed in the nuclei of reticular cells. Nodular, filiform and long rod-like forms move freely within the nucleus as well as finer forms contained within vacuole-like structures. Time-lapse photography over a ten-hour period revealed intranuclear motion as well as intranuclear rickettsial multiplication. Orig. art. has: 2 figures. [W.A. 50; CBE No. 10]

SUB CODE: 06 / SUBM DATE: 07Jun65 / ORIG REF: 004 / OTH REF: 003 /

Card 1/1

UDC: 576.851.71.095

ACC NR: AF7005452

SOURCE CODE: UR/0106/66/000/005/0016/0020

RYSKIN, E. Ya.

"Method of Calculation of Losses in Reliability Upon Transmission of Digital Information through Tropospheric Radio Relay Lines"

Moscow, Elektrosvyaz', No 5, 66, pp 16-20

Abstract: The method suggested takes into consideration fading of the signal over the sectors of the long-range tropospheric scatter relay line. First, the influence of fluctuation interference, present in tropospheric relay link in both long (hours) and short-term (up to about ten cps) variants, is analysed. Then, in consideration of the results produced, the reliability of information transmission, i.e. the probability that in time T of operation of the line the amount of reliability loss will not be worse than the critical value, is calculated. Orig. art. has: 2 figures and 9 formulas. [JPRS]

ORG: none

TOPIC TAGS: radio relay, tropospheric radio wave, tropospheric scatter

SUB CODE: 17 / SUBM DATE: 03Nov65 / ORIG REF: 005

Card 1/1

UDC: 621.396.427.7

0926 2350

Rybina, L.A.

SHIKHER, M.G.; RYBKINA, L.A.

Plastification of the starch pastes. Zhur. prikl. khim. 31 no.2:
315-319 F '58. (MIRA 11:5)

1. Ivanovskiy nauchno-issledovatel'skiy institut khlopcatobumazhnogo
promyslennosti. (Starch)

SHIKHER, M.G., nauchnyy sotrudnik; GOTOVSEVA, L.A., nauchnyy sotrudnik;
RYBKINA, L.A., nauchnyy sotrudnik

Use of sodium chlorite for the bleaching of cotton fabrics.
Tekst.prom.22 no.3:64-67 Mr '62. (MIRA 15:3)

1. Ivanovskiy nauchno-issledovatel'skiy tekstil'nyy institut
(IvNITI). (Bleaching)(Cotton fabrics)

SHIKHER, M.G.; GOTOVISEVA, L.A.; RYBKINA, L.A.

Use of sodium chlorite for the bleaching of cotton fabrics.
Nauch.issl.trudy IvNITI 25:124-144 '61.
(Cotton fabrics) (Bleaching)

(MIRA 15:10)

RYBKINA, L.A.

U S S R .

✓ Cellulose ether thickeners for printing dyes. M. G. Shil'ker, L. A. Rybkina, and P. V. Gorshkov. *Tekstil' Prom.* 14, No. 10, 25 (1954).—Use of methyl, hydroxyethyl, and Na salt of carboxymethyl ethers of cellulose as thickeners for all printing dyes is discussed. B. Barabash.

SHIKHER, M.G.; YEZHOOVA, Z.P.; RYBKINA, L.A.

Bleaching with per acids. Tekst. prom. 25 no.12:57-59 D '65.
(MIRA 19:1)

1. Sotrudniki Ivanovskogo nauchno-issledovatel'skogo instituta
khlopnatchumazhnay promyshlennosti.

RYBKINA, L.A.

SHILER, M.G.; RYBKINA, L.A.; GORSHKOV, P.V.

Cellulose ester stiffeners for printing dyes. Tekst.prom.14
no.12:28-31 D'54. (MLRA 8:2)
(Textile printing)(Cellulose esters)

RYBKINA, L. G. Cand Med Sci -- "Characteristics of Leptospira strains isolated in Krasnodarskiy Kray." Simferopol', 1958 (Crimean State Med Inst im I. V. Stalin). (KL, 1-61, 210)

-427-

SHIROKOV, S.F., prof.; MAZALETSKAYA, Ye.M.; ABRAMOVA, T.I.; RYBKINA, L.G.

Strepto-endotoxic reaction of leucocyte sedimentation in rheumatic fever
in children. Vop. okh. mat. i det. 4 no.4:41-46 Jl-Ag '59. (MIRA 12:12)

1. Iz kliniki detskikh bolezney Kubanskogo meditsinskogo instituta
(dir. - prof. V.K. Suprunov). (RHEUMATIC FEVER) (LEUCOCYTES)

RybkinA, L.G.
USSR/ Microbiology. General Microbiology

F-1

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24068

Author : Rybkina, L. G.

Inst : Not given

Title : Biological Properties of Leptospira Isolated in
the Krasnodar Region.

Orig Pub: Nauchn. tr. Kubansk. med. in-ta, 1957, 15 (28),
218-225

Abstract: No abstract.

Card 1/1

SPIRINA, A.A.; KAZAKEVICH, N.B.; KMITS, M.I.; SVETOVIDOVA, V.M.; KHAIT, V.S.; ARONOV, M.S.; BORISKINA, K.I.; PERSHIN, G.N.; BELOZEROVA, K.A.; KARPOV, S.P.; KOVAL'SKIY, G.N.; RYBKINA, L.G.; BALYBERDINA, L.D.; AKHMADULLINA, G.G.; DEMIKHOVSKIY, Ye.I.

Annotations of articles which reached the editorial office. Zhur.mikrobiol.
epid,i immun. no.2:88-89 F '53. (MLRA 6:5)

1. Kurskiy institut epidemiologii i mikrobiologii (for Spirina, Kazakevich and Kmits).
2. Tambovskiy institut epidemiologii i mikrobiologii (for Svetovidova).
3. Kafedra mikrobiologii Odesskogo meditsinskogo instituta (for Khaits).
4. Kafedra mikrobiologii i operativnoy khirurgii Kuybyshevskogo meditsinskogo instituta (for Aronov, and Boriskina).
5. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut (for Pershin and Belozerova).
6. Kafedra mikrobiologii Tomskogo meditsinskogo instituta imeni V.M. Molotova (for Karpov).
7. Tomskiy institut epidemiologii i mikrobiologii (for Karpov).
8. Krasnodarskiy institut epidemiologii i mikrobiologii imeni Savchenko (for Koval'skiy and Rybkin).
9. Kafedra infektsionnykh bolezney Sverdlovskogo meditsinskogo instituta (for Balyberdina).
10. Kazanskiy institut epidemiologii i mikrobiologii (for Akhmadullina).
11. Kafedra mikrobiologii Dnepropetrovskogo meditsinskogo instituta (for Demikhovskiy). (Bacteria, Pathogenic) (Antibiotics) (Phagodytosis)

1700 2000, 100

"Cattle as a Source of Icterohaemorrhagic Leptospirosis," by
G. P. Markov and L. G. Rybkina, Krasnodar Kray Sanitary-Epi-
demiological Station, Zhurnal Mikrobiologii, Epidemiologii,
i Immunobiologii, No 3, Mar 57, pp 86-89

An outbreak of Leptospirosis in cattle in May 1955 in Krasnodar caused authors to study the manner of transmission of the disease from cattle to humans. The leptospiral strains involved came from Krasnodar water. Sera from patients and sick animals agglutinated ictero-haemorrhagic leptospirae of local "Krasnodar water" and the "Belousov" strains. According to their serological properties, these strains are identical with the Sud'in strain.) Under the microscope, leptospirae were detected in the urine of cattle (calves), but not in the blood. Authors tried to grow cultures of Leptospirae on nutritive media from the urine and blood of sick animals, but they did not succeed; neither were they able at the time of the experiments to infect guinea pigs with the urine and blood.

A veterinarian was accidentally infected with cattle urine in which, a few minutes later, large numbers of leptospirae were found. He suffered the usual symptoms, and finally developed jaundice. He had two relapses with raised temperatures. During the first part of the attack he received serum against animal leptospirosis and penicillin. Complete recovery did not come until the end of the 4th week. Systematic study of the patient's blood did not reveal leptospirae, either during the incubation period, or later. Examination of the patient's urine revealed isolated deformed leptospirae between the 8th and 12th day of the sickness.

"When the patient's blood was sown on Terskikh's phosphate medium containing rabbit serum, there was no leptospiral growth during the entire 3-month incubation of the cultures in a thermostat of 28°C. However, the infection of guinea pigs with the same blood, taken from the patient at approximately the 8th-9th hour of the disease when his temperature was 39.6°C was successful, and a culture of Leptospirae was obtained." Further experiments with guinea pigs followed. Cultures of live blood produced leptospires on the phosphate medium. The pathogen isolated proved to be pathogenic not only for guinea pigs, but also for young rabbits.

Morphologically and culturally, this new leptospiral strain (named Plastunovskiy of PSh by the authors) was found to be similar to typical representatives of the species. The results of an investigation of the serological characteristics of the new strain in cross-microagglutination and lysis reactions are given in a table.

It was concluded that these investigations offer further proof of the important role of cattle in the epidemiology of human leptospirosis.
(U)

SEGAL', G.M.; RYBKINA, L.P.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report No.61; Structural
and steric course of diene condensations of some vinylcyclenes
with asymmetrical trans-dienophiles. Izv. AN SSSR. Ser. khim.
no.8:1463-1470 Ag '64. (MIRA 17:9)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

SEGAL¹, G.M.; RYBKINA, L.P.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report №.55: Steric orientation of the diene condensation of 1-vinyl- Δ^1 -cyclohexene with trans- β -nitropropylene. Izv. AN SSSR. Ser.khim. no.7:1253-1258
(MIRA 16:9)
Jl '63.

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Cyclohexene) (Propene)
(Stereochemistry)

SEGAL', G.M.; RYBKINA, L.P.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report No.56: Steric course of the diene condensation of 1-(α -vinyl chloride) Δ -cyclohexene with trans-nitropropylene. Izv.AN SSSR.Ser.khim. no.8:1421-1428 Ag '63. (MIRA 16:9)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Cyclohexene) (Propene) (Stereochemistry)

SEGAL¹, G.M.; RYBKINA, L.P.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report No.51: Steric orientation of diene condensation with 1-(α -chlorovinyl)- Δ' -cyclohexene. Izv.AN SSSR.Otd.khim.nauk no.8:1424-1431 Ag '62. (MIRA 15:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Cyclohexene) (Stereochemistry)
(Condensation products (Chemistry))

RYBKINA, M.P.

Causes of the formation of mud torrents. Apr. 7-8, 1959.
Trudy KazNIGMI no.17:31-38 '62 (MIRA 18:2)

L 24360-66 EWT(m)/EWP(w)/EPF(n)-2/T/EWP(t) IJP(c) JD/00

ACC NR: AP6008119 SOURCE CODE: UR/0139/66/000/001/0190/0191

AUTHORS: Krivov, M. A.; Potakhova, G. I.; Rybkina, L. P.

ORG: Siberian Physicotechnical Institute im. V. D. Kuznetsov
(Siberskiy Fiziko-tehnicheskiy institut)

TITLE: On the influence of gamma radiation on the microhardness of silicon

SOURCE: IVUZ. Fizika, no. 1, 1966, 190-191

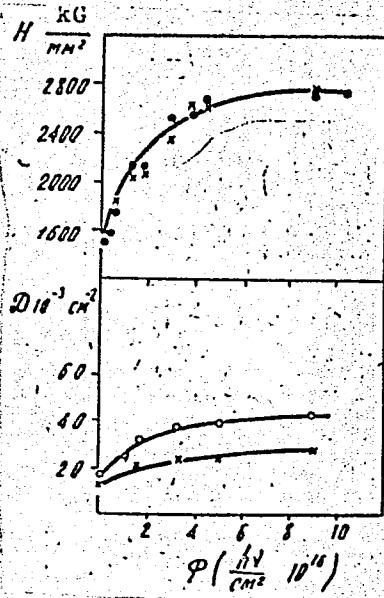
TOPIC TAGS: silicon, hardness, gamma irradiation, crystal dislocation, carrier density, Hall effect, crystal defect

ABSTRACT: The authors have measured the microhardness of n- and p-type silicon before and after exposure to different doses of γ radiation. Since γ radiation can produce additional dislocations and change the carrier density, which in turn influences the microhardness, these quantities were also measured simultaneously with the microhardness. The samples of each type used for all the investigations were cut from a single plate. In all cases the microhardness

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L 24360-68

ACC NR: AP6008119



Figures 1 and 2. Microhardness (H) and dislocation density (V) against the integral γ -quantum flux (φ).

increased with increasing radiation dose (Fig. 1). The change in microhardness can be attributed to three causes -- change in carrier density, appearance of displaced atoms, and change in dislocation density. Hall-effect measurements have shown that the change in carrier density does not exceed 6 -- 8% and is comparable with the measurement error. The displaced-atom density increases in accordance with theory in proportion to the integral γ -quantum flux, and the

Card

2/3

L 24360-66
ACC NR: AP6008119

change in the dislocation density is shown in the figure. It is therefore concluded that the increase in microhardness is due to the increased number of defects in the structure, caused by a simultaneous increase in the dislocation density and the appearance of a large number of displaced atoms. Orig. art. has: 1 figure and 1 table.

SUB CODE: 20/ SUBM DATE: 18Dec64/ ORIG REF: 012/ OTH REF: 003

Card 3/3 plw

LAVRENT'YEV, P.F.; RYBKINA, M.P.

Preliminary evaluation of surface water resources in Karaganda
Province. Trudy KazNIGMI no.18:35-41 '63. (MIRA 17:4)

KAVETSKIY, S.P.; GULINA, V.R.; RAUSHENBAKH, I.O.; RYBKINA, M.P.

Some results achieved and possibilities for further study of
catastrophic floods resulting from rains. Trudy KazNIGMI
no.12:81-94 '59. (MIRA 13:5)

(Trans-Ili Ala-Tau--Rain and rainfall)
(Alma-Ata region--Floods)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8

PANOVA, M.; RYBKINA, N.

The DAR-100M self-reducing telemeter. Avt. dor. no. 10,
8-9 O '64. (MIRA 17:12)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446410012-8"

REKINA, N. V.

REKINA, N. V. -- "Surgical Treatment of Prolapsed Rectum by the Procedure of N. V. Kircov." (Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institutions) (29) Leningrad State Order of Lenin Inst for Advance Training of Physicians under S. N. Kircov, Arkhangel's Medical Inst Min of Public Health RSFSR, Chair of Hospital Surgery, Arkhangel'sk, 1954

Sc: Knizhnaya Letopis' No. 29, 16 July 1955

* For the Degree of Candidate in Medical Sciences

RYBKINA, N.F., doktor med. nauk.

Characteristics of the ballistocardiogram in healthy pregnant women. Akush. i gin. no.1:28-32. '65. (MIRA 18:10)

1. Kafedra gospital'noy terapii (zav.- N.F. Rybkina) pediatriceskogo fakul'teta Gor'kovskogo meditsinskogo instituta imeni Kirova.

RYBKINA, N.F., dotsent

Role of vectorecardiography in the diagnosis of myocardial lesions
in pregnant women with rheumatic heart diseases. Akush. i gin. 38
no.5:41-45 S-0 '62. (MIRA 17:11)

1. Iz kafedry gospital'noy terapii (zav. - prof. V.G. Vogralik) i
kafedry akusherstva i ginekologii (zav. - prof. G.K. Cherepakhin)
Gor'kovskogo meditsinskogo instituta imeni Kirova.

RYBKINA, N.F.

RYBKINA, N.F., kand.med.nauk

Course of late toxicoses of pregnancy and late results. Akush. i
gin. 32 no.6:46-48 N-D '56. (MIRA 10:11)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. V.G.
Vogralik) i kafedry akusherstva i ginekologii (zav. - prof. G.K.
Cherepakhin) Gor'kovskogo meditsinskogo instituta.

(PREGNANCY TOXEMIAS, statist.
remote results of late toxemia)

EXCERPTA MEDICA Sec 10 Vol 12/7 Obstetrics July 59

1132. RESERPINE TREATMENT OF NEPHROPATHY OF PREGNANCY (Russian text) - Rybkina N.F. - AKUSH. I GINEK. 1958, 6 (20-23)
Reserpine (0.12-0.25 mg.) was given to 23 pregnant women who suffered from nephropathy and were not benefited by magnesium therapy. The arterial blood pressure was reduced and the general condition improved in all cases. Observations demonstrated that reserpine was more effective when combined with magnesium therapy (injections or inhalations) and sleep therapy. With the decrease of arterial blood pressure renal symptoms also showed an improvement. There was no harmful effect on the general state of pregnant women.

RYBKINA, N.F., dotsent

Phonocardiographic characteristics in healthy pregnant women.
(MIRA 16:12)
Akush. i gin. 39 no.4:54-58 Jl-Ag'63

1. Iz kafedry gospital'noy terapii (ispolnyayushchiy obyazani-
nosti zaveduyushchego - dotsent N.F.Rybkin) pediatriceskogo
fakul'teta Gor'kovskogo meditsinskogo instituta imeni Kirova.

RYBKINA, N.F., dotsent

Late results of labor in women following mitral commissurotomy.
Sov. med. 25 no.11:35-38 N '61. (MITRA 15:5)

1. Iz kafedry gospital'noy terapii pediatriceskogo fakul'teta (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent N.F. Rybkina), kafedra akusherstva i ginekologii (zav. -zasluzhennyj deyatel' nauki RSFSR prof. G.K.Cherepakhin) i kafedry gospital'noy khirurgii (zav. - zasluzhennyj deyatel' nauk RSFSR prof. B.A.Korolev) Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova.

(MITRAL VALVE--SURGERY) (LABOR, COMPLICATED)

RYBKINA, N.F., dotsent

Basic principles for managing pregnancy, labor and the puerperal period in women with a heart disease. Sbor. nauch. rab. Kaf. akush. i gin. GMI no.1:36-41 '60. (MIRA 15:4)

1. Iz kafedry gospital'noy terapii (zav. - prof. V.G.Vogralik) i kafedry akusherstva i ginekologii (zav. prof. G.K.Cherepakhin) Gor'kovskogo gosudarstvennogo meditsinskogo instituta.
(HEART—DISEASES) (OBSTETRICS)

RYBKINA, N.F., dotsent

Course of pregnancy in thyrotoxicosis. Akush.i gin. 37 no.2:101
F '61. (MIRA 14:3)

1. Iz kafedry gospital'noy terapii (zav. - prof. V.G. Vogralik)
i kafedry akusherstva i ginekologii (zav. - prof. G.K. Cherepakhin)
Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova.
(PREGNANCY, COMPLICATIONS OF)
(HYPERTHYROIDISM)

RYBKINA, N.F., dotsent

Pregnancy and labor in women after mitral commissurotomy. Khirurgija 37 no.1:45-48 Ja '61. (MIRA 14:2)

1. Iz kafedry gospital'noy terapii (zav. - prof. V.G. Vogralik) i kafedry akusherstva i ginekologii (zav. - prof. G.K. Cherepakhin) Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova. (MITRAL VALVE—SURGERY) (PREGNANCY, COMPLICATIONS OF)

RYBKINA, N.F.
RYBKINA, N.F., kand.med.nauk (Gor'kiy)

Pregnancy and labor in heart diseases. Klin.med. 35[i.e.34] no.1
Supplement:11-12 Ja '57. (MIRA 11:12)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. V.G.
Vogralik) i kafedry akusherstva i ginekologii (zav. - prof. G.K.
Cherepakhin) Gor'kovskogo meditsinskogo instituta.
(HEART—DISEASES) (PREGNANCY)
(LABOR (OBSTETRICS))

HYBKINA, N.F., kand. med. nauk.

Reserpine therapy of nephropathy in pregnancy. Akush. i gin. 34 no.6:
20-23 N-D '58. (MIRA 12:1)

1. Iz kafedry gospital'noy terapii (zav. - prof. V. G. Vogralik) i
kafedry akusherstva i ginekologii (zav. - prof. G.K. Cherepakhin)
Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova.
(PREGNANCY, compl.

nephropathy, ther., reserpine (Rus))

(KIDNEY DISEASES, in pregn.

ther., reserpine (Rus))

(RESERPINE, ther. use

nephropathy in pregn. (Rus))

RYBKINA, N.F., kandidat meditsinskikh nauk

Hemodynamic investigations of the cardiovascular system during and
following labor under normal conditions. Akush. i gin. no.5:26-30
S-O '54. (MLRA 7:12)

i. Iz gospital'noy terapevticheskoy kliniki (dir. prof. V.G.Vogralik)
i kafedry akusherstva i ginekologii (zav. prof. G.K.Cherepakhin)
Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova

(BLOOD PRESSURE,

in labor & puerperium)

(LABOR, physiology,

blood pressure & pulse)

(PUERPERIUM, physiology,

blood pressure & pulse)

(PULSE,

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(VACCINES AND VACCINATION,
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Effect of cortisone on the course of infection of the tick-borne rickettsiosis of northern Asia. Zhur.mikrobiol. epid. i imun. 32 no.4:137-142 Ap '61. (MIRA 14:6)

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L-16199-63 EPM/EWP(j)/EPF(c)/EWT(m)/BDS/ES(s)-2-AFFTG/ASD/SSD

Ps-4/Pc-4/Pr-4/Pt-4--RU/WW/MAY

ACCESSION NR: AP3006534

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AUTHOR: Medvedeva, P. A.; Rybkina, O. Ya.; Duntova, L. K.i.
Gavrilova, G. A.; Gavurina, R. N.

TITLE: Self-extinguishing glass-reinforced plastics based on
epoxy/polyester resins

SOURCE: Plasticheskiy massy*, no. 9, 1963, 17-19

TOPIC TAGS: glass fabric reinforced plastic, binder unsaturated polyester, unsaturated polyester resin, TKhF, ChF, AF, styrenated polyester, epoxy resin, ED-5, ED-6, self-extinguishing, chlorine-containing polyester, chlorine-containing curing agent, reinforcement, satin weave glass fabric, glass fabric, ASTT(b)S₂-5/3', ASTT(b)S₂-8/3, organosilicon finish, GVS-9 finish, coupling agent, glass fabric lay-up, antimony oxide, mechanical strength, bending strength, thermal stability, moisture effect, temperature effect, moisture, temperature

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ACCESSION NR: AP3006534

6

ABSTRACT: Self-extinguishing glass-fabric-reinforced plastics have been prepared with mixtures of epoxy and unsaturated polyester resins as binders. Self-extinguishing properties were imparted by introducing chlorine into the polyester [method unspecified] or by using a chlorine-containing curing agent [unspecified]. Styrenated TKhF, ChF, or AF polyesters and ED-5 or ED-6 epoxy resins, mixed in various ratios (generally 2 parts polyester to 1 part ED-5), were used as binders; satin-weave fabrics ASTT(b)S₂-5/3, ASTT(b)S₂-8/3, or ASTT(b)S₂-8/3 finished with the CVS-9 organosilicon coupling agent, served as reinforcements. The glass-fabric sheets were laid up at right angles to each other to impart multidirectional strength to the plastic. 3.5-4.5% Sb₂O₃ was added to the binder. The results of a study of the properties of the plastics, given in the form of tables, show that glass-fabric-reinforced plastics thus prepared are self-extinguishing. They exhibit high mechanical strength (binding strength $\sigma_B = 3800-4400 \text{ kg/cm}^2$) and high thermal stability. The strength of these plastics (especially of those reinforced with ASTT(b)S₂-8/3 CVS-9) drops only slightly under the effect of moisture ($\sigma_B = 3280-4200 \text{ kg/cm}^2$) and temperatures up to 60°C (OB - 3200 -- 4000 kg/cm²). Oreg. art. has: 5 tables.

Card 2/3

RYBKINA, V., nauchnyy sotrudnik

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A.I.; YURKEVICH, L.N.; NIKONOVA, T.K.; RYBKINA, V.A.; SKOTNIKOV, Yu.A.;
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tekhn.red.

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